Integration

needed:

I. An "Operating System" class

There should be a class like StEvent (toolkit) which is instantiated and initialized first in any chain and which is globally accessable to every maker. It is effectively a set of collections, each which can be written, modified and read *efficiently*.

II. Calibrations must be separated from worker bee makers.

Currently calibrations are done all over the place:

- St_tpcdaq_Maker
- Coordinate Transforms
- St_tpt_Maker

Instead they should be grouped together based on the type of data they operate on, and for each type of data there should be a maker that is inserted into the chain at the appropriate time.

- rawdata_calibration_maker (gain correction, asic re-application)
- hits_calibration_maker (ExB)
- track_calibration_maker

nice but not neccessary:

III. "OS" class initializes DB.

It should not be painfull to use the databases outside of BFC

IV. Getting rid of tables.

Tables have two main uses right now:

1. As internal data structures for fortran
2. As a method of passing data from one maker to the next

My suggested strategy is to slowly chip away at 2 as required. Removing #1 is unlikely untill all fortran has been replaced.